

Appendix C: Franklin Avenue TOD Master Plan Traffic Study

FINAL MEMORANDUM

TO: Larry Blackstad
HENNEPIN COUNTY

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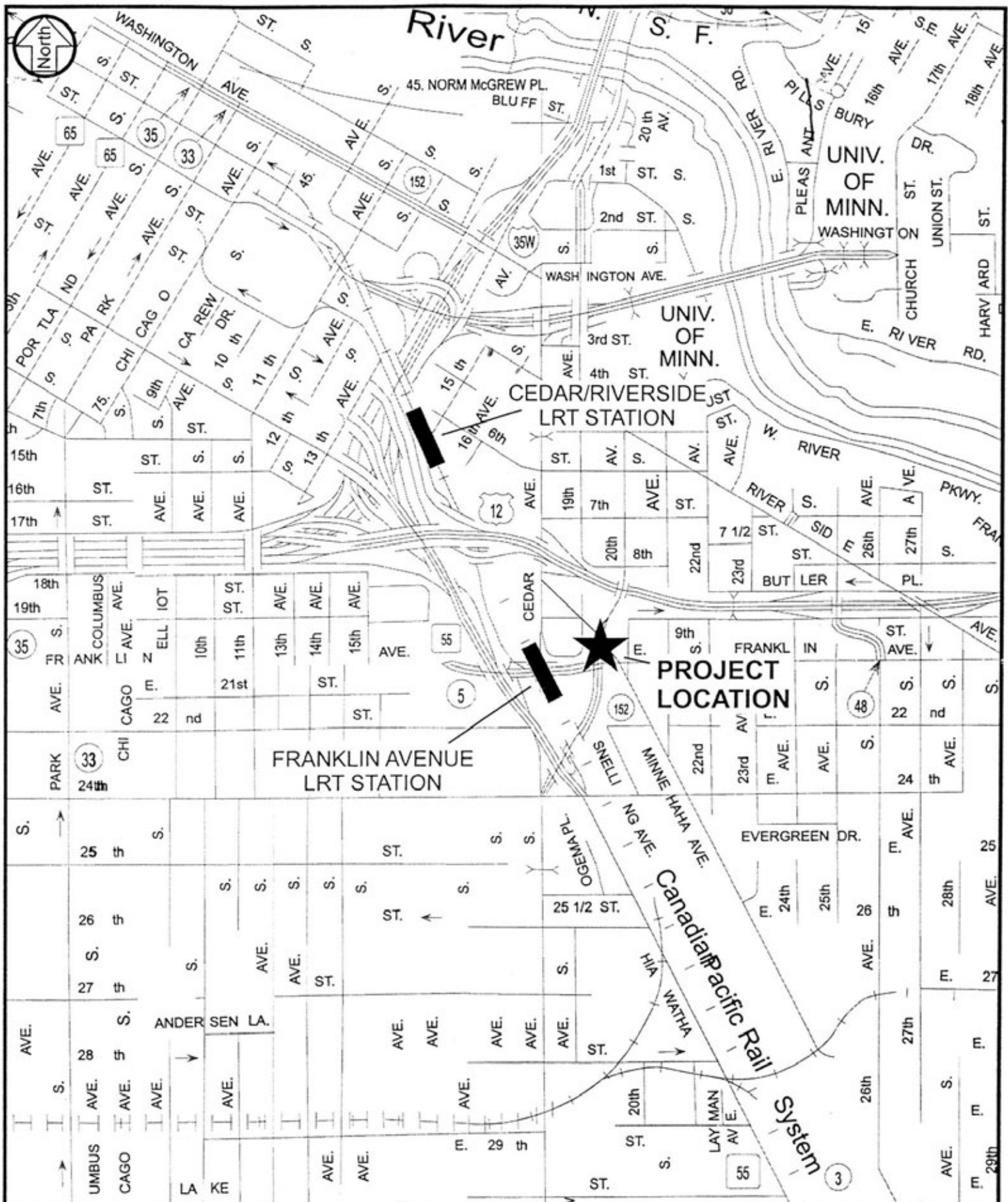
DATE: July 30, 2001

SUBJECT: FRANKLIN AVENUE TOD MASTER PLAN TRAFFIC STUDY

Introduction

In order to identify the impacts of proposed redevelopment occurring in conjunction with Light Rail Transit (LRT) provisions in the vicinity of Franklin Avenue and the Cedar/Riverside neighborhood in the City of Minneapolis, a traffic study of existing and future conditions was completed by SRF Consulting Group, Inc. As defined in the Franklin Avenue Transit-oriented Development (TOD) Master Plan, the proposed redevelopment will take place within the general vicinity of the two LRT station locations in the study area and will be a mix of office, commercial and residential land uses (see Figure 1: Project Location). Some development will occur in parcels of land currently vacant of use; other development is proposed to replace existing land uses.

This traffic study includes an operations analysis during the a.m. and p.m. peak hours for existing and future (2010) build conditions. Two alternatives are analyzed here, the differentiating factor being a change in the configuration of the street system. Concept A includes the existing roadway network with a direct connection of Minnehaha Avenue to Cedar Avenue (just north of Franklin Avenue). Concept B eliminates the segment of Minnehaha Avenue between Cedar and Franklin Avenues. Under this alternative, traffic is routed to/from Cedar Avenue along 22nd Street and Franklin Avenue. In both instances, development assumptions as to intensity, type and location of land uses are similar. In addition, this memo analyzes traffic impacts associated with the construction of a roundabout placed in the vicinity of the existing confluence of Cedar, Minnehaha and Franklin Avenues. Several different concepts for such a design have been developed by SRF and the impacts and operations of these alternatives are discussed.



SRF CONSULTING GROUP, INC.

CITY OF MINNEAPOLIS
PROJECT LOCATION

FIGURE

1

FRANKLIN TOD MASTER PLAN ALTERNATIVES
TRAFFIC STUDY